AMSAT News Service Weekly Bulletins
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SB SAT @ AMSAT $ANS-099.01
W5RRR/JSC ARC LANDLINE BBS

HR AMSAT NEWS SERVICE BULLETIN 099.01 FROM AMSAT HQ
SILVER SPRING, MD APRIL 9, 1994
TO ALL RADIO AMATEURS BT
BID: $ANS-099.01

New Landline BBS Provides STS-59 SAREX Information

The Johnson Space Center Amateur Radio Club has set up a telephone computer bulletin board (BBS). The purpose of the BBS is to provide a source of current Space Shuttle mission Keplerian Elements.

There are limited number of BBS files available for downloading. Among the current files are:

- Current and old element sets for the mission in progress
- Current mission information
- Shuttle Amateur Radio Experiment (SAREX) information
- Recent Space Shuttle Mission Schedules and Manifests
- Astronaut/Cosmonaut Ham List
- Current JSC Amateur Radio Club Newsletter

We ask that no files be uploaded to the BBS. The telephone number is (713) 244-5625. Our modem can handle all bauds up to and including 9600 baud. The parameters are N-8-1.

The BBS is currently running in ProComm HOST mode, so the logon is very simple and downloading is easy. After logging in, you will see the Welcome Screen describing the BBS. Also, the Welcome Screen contains the current and latest element set number (e.g., JSC008) loaded on the BBS. Check it against your last set so you won't waste your time duplicating a set you already have. Press ENTER to bring up the second page containing the current Space Shuttle Keplerian Element Set. If you have a file capture or screen capture function in your communications software, then you should use it for this page. That way, you won't have to go through the file download process if all you wanted was the latest element set. If you have any comments for the Club or BBS sysop, leave a message and we will respond.

[The AMSAT News Service would like to thank Dale Martin (KG5U), KG5U @ KA5KTH.#setx.tx.usa.na, Secretary of the Johnson Space Center ARC Houston, Texas (W5RRR)]

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SB SAT @ AMSAT $ANS-099.02
FUJI AWARD PROGRAM DETAILS

HR AMSAT NEWS SERVICE BULLETIN 099.02 FROM AMSAT HQ
SILVER SPRING, MD APRIL 9, 1994
TO ALL RADIO AMATEURS BT
BID: $ANS-099.02

JJ1WTK Provides Information About "FUJI" Award

Amateur Satellite "Fuji", SWL Amateur Satellite "Fuji" applicants are required to make contacts with 10 different amateur stations through the

amateur radio satellite "Fuji" (only contacts in CW or SSB mode), and obtain the QSL cards from those stations. This award applies for both FO-12 (JAS-1) which was launched at 20:45 UTC in 12-AUG-1986 and JAS-1B which was launched on 07-FEB-1990. Any contact thru FO-12 or FO-20 is good for the "Fuji Award" application. A fee of 8 IRCs or US $4 will be charged per award. An additional 2 IRCs will be charged for air mail delivery regardless of the number of the awards claimed. If QSL cards are submitted, sufficient funds for return postage will also be required. All correspondences should be sent to:

Japan Amateur Radio League - Award Desk,
1-14-2 Sugamo, Toshima, Tokyo 170, Japan

[The AMSAT News Service would like to thank Kazu Sakamoto (JJ1WTK) for this bulletin item. JJ1WTK can be reached at his e-mail address of qga02014@niftyserve.or.jp]

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SB SAT @ AMSAT $ANS-099.03
POSAT-1 VOICE CONTACTS

HR AMSAT NEWS SERVICE BULLETIN 099.03 FROM AMSAT HQ
SILVER SPRING, MD APRIL 9, 1994
TO ALL RADIO AMATEURS BT
BID: $ANS-099.03

CT1ERC Reports POSAT-1 Voice Contacts Made

CT1ERC reports that a special event amateur satellite station, CU2APO, was setup on the island of San Miguel in the AZORES for a technical exhibition to a youth grounp using POSAT-1. This demonstration was arranged by the PoSAT Consortium in which they agree to switch the satellite to operate on the amateur frequencies and it was configured as a FM transponder for a single pass to allow voice contacts between this island in the middle of the Atlantic ocean and the continent. Everything was arranged overnight and on short notice so unfotunately there was not enough time to send out notices of this event for other radio amateurs to participate. However, CT1ERC wishes to pass allong his report of the this first time voice contact on POSAT-1.

"The uplink frequency was 145.975 MHz and the downlink frequency was 435.275 MHz which by coincidence is a frequency with alot of strong QRM at CT1ERC's QTH. At 12:28 UTC 24-FEB-1994, with the satellite heading from North, the mutual window between CT1ERC's station (located in the extreme North of Portugal) and CU2APO (located in the extreme West, half way to N. America) opened and he exchanged a QSO with Pedro Carvalho (CT1DBS). The reports were both S59 but only for short periods, due to the strong bursts of QRM which made communication very difficult. One minute later there appeared Miguel Gomes (CT1EVH) operating the club station CS1APO located in Lisbon and Artur Gomes (CT1DIA) located in Faro (extreme South of Portugal). The QRM affected all stations except CT1DIA who have copy all of us during the whole pass with reports between S57 and S59. Sometimes during the pass two Spanish stations, apparently mobile, in a QSO on the VHF band were completly unaware that they were using a satellite uplink and reaching the downlink with S55 to S57."

CT1ERC wants to thank to the the Consortium for made the satellite available for 10 minutes and to Pedro, CT1DBS, for all his efforts and hours spent in convencing the POSAT Consortium to allow this demonstation to happen.

[The AMSAT News Service (ANS) would like to thank Jose Carlos (CT1ERC) for this bulletin item.]

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SB SAT @ AMSAT $ANS-099.04
AO-13 OPS NET SCHEDULE

HR AMSAT NEWS SERVICE BULLETIN 099.04 FROM AMSAT HQ
SILVER SPRING, MD APRIL 9, 1994
TO ALL RADIO AMATEURS BT
BID: $ANS-099.04

Current AMSAT Operations Net Schedule For AO-13

AMSAT Operations Nets are planned for the following times. Mode-B Nets
are conducted on AO-13 on a downlink frequency of 145.950 MHz. If, at
the start of the OPS Net, the frequency of 145.950 MHz is being used
for a QSO, OPS Net enthusiasts are asked to move to the alternate
frequency of 145.955 MHz.

Date	UTC	Mode	Phs	NCS	Alt NCS
18-Apr-94	0100	B	188	W5IU	WA5ZIB
23-Apr-94	1800	B	180	VE2LVC	W9ODI
30-Apr-94	2130	B	176	W9ODI	VE2LVC
09-May-94	0000	B	175	W5IU	WA5ZIB
14-May-94	1700	B	167	WA5ZIB	W5IU
21-May-94	2130	B	185	VE2LVC	W9ODI

Any stations with information on current events would be most welcomed.
Also, those interested in discussing technical issues or who have
questions about any particular aspect of OSCAR statellite operations,
are encouraged to join the OPS Nets. If neither of the Net Control
Stations show up, any participant is invited to act as the NCS.

Slow Scanners are invited to join the SSTV sessions on AO-13. The freq-
uency is 145.955 MHz. The net meets at 45 minutes before Mode S, and on
Mode B following Mode S on Saturdays and Sundays. Join those sessions or
convey your wishes for other SSTV skeds to wb6llo@amsat.org, and he will
coordinate your efforts.

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SB SAT @ AMSAT $ANS-099.05
WEEKLY OSCAR STATUS REPORTS

HR AMSAT NEWS SERVICE BULLETIN 099.05 FROM AMSAT HQ
SILVER SPRING, MD APRIL 9, 1994
TO ALL RADIO AMATEURS BT
BID: $ANS-099.05

Weekly OSCAR Status Reports: 09-APR-94

AO-13: Current Transponder Operating Schedule:
M QST *** AO-13 TRANSPONDER SCHEDULE *** 1994 Apr 07-Jul 11
Mode-B : MA   0 to MA 170 |
Mode-BS : MA 170 to MA 218 |
Mode-S : MA 218 to MA 220 |<- S beacon only
Mode-S : MA 220 to MA 230 |<- S transponder; B trsp. is OFF
Mode-BS : MA 230 to MA 250 | Blon/Blat 230/-5
Mode-B : MA 250 to MA 256 |
Omnis   : MA 250 to MA 120 | Move to attitude 180/0, Jul 11
[G3RUH/DB2OS/VK5AGR]

FO-20: The following is the current schedule for transponder operations:
       ANALOG MODE:
      20-Apr-94 7:35 -to- 27-Apr-94 7:55 UTC
      11-May-94 6:54 -to- 18-May-94 7:20 UTC

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  Digital mode: Unless otherwise noted above.
  [Kazu Sakamoto (JJ1WTK) qga02014@niftyserve.or.jp]

AO-27: DL6AAU reports that he has hear some "big" signals from AO-27
with a indoor groundplane antenna without preamp.  He receives signals S56
to S59 from stations on Buffin Island, which for DL6AAU, is considered a DX
contact.  DL6AAU notes that AO-27 really better signal than its famous
"cousin" AO-21. [DL6UAA]

AO-21: A new digital voice message started to transmit this week on AO-21
on the occasion of the AMSAT-OE meeting.  The actual schedule is as
follows:

    RUDAK-II Schedule: (Downlink 145.987 MHz, Uplink 435.016 MHz)
          min/10  Beacon Mode
          0..6    FM Repeater
            7     Digital Audio
          8..9    AFSK TLM
The following is the message that is broadcasted on AO-21 during the packet
beacon downlink: "++ Hi, this is the RUDAK-II experiment on AMSAT OSCAR 21
++ On occasion of the first AMSAT-OE meeting we send greetings to HAM's &
all over the world.  We wish you to have PEACEFUL contacts via amateur
radio!" Reports are welcome to:
                          HTL
                          Amateur Radio Group
                          Anichstr. 46
                          A-6020 Innsbruck
                          Austria

[LW2DTZ]

KO-23: Working well and has a new pair of images.  [WH6I]

KO-25: Also working well.  [WH6I]

IO-26: Working well on the secondary frequency as advertised.  [WH6I]

AO-16: Working well. [WH6I]

LO-19: Also working well.  [WH6I]

The AMSAT NEWS Service (ANS) is looking for volunteers to contribute weekly
OSCAR status reports.  If you have a favorite OSCAR which you work on a
regular basis and would like to contribute to this bulletin, please send
your observations to WD0HHU at his CompuServe address of 70524,2272, on
INTERNET at wd0hhu@amsat.org, or to his local packet BBS in the Denver, CO
area, WD0HHU @ W0LJF.#NECO.CO.USA.NOAM.  Also, if you find that the current
set of orbital elements are not generating the correct AOS/LOS times at
your QTH, PLEASE INCLUDE THAT INFORMATION AS WELL.  The information you
provide will be of value to all OSCAR enthusiasts.

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